

Ont
Cabinet
Soc dev.

[Misc. pubus]
1974 [17]

Government
Publications

C.2

#10

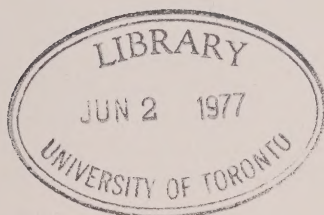
Background studies on day care.
(Less. pag. 81)

CA26N Z3

-74D10A

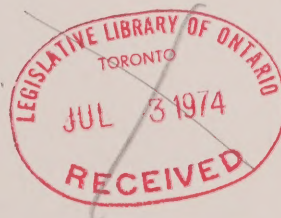
THE EFFECTS OF JUNIOR KINDERGARTEN ON
ACHIEVEMENT: THE FIRST FIVE YEARS

APPENDIX



RESEARCH SERVICE

issued by the
Research Department



THE BOARD OF EDUCATION



FOR THE CITY OF TORONTO

THE EFFECTS OF JUNIOR KINDERGARTEN ON
ACHIEVEMENT: THE FIRST FIVE YEARS

APPENDIX

JUDITH A. PALMER

June 1966

TABLE OF CONTENTS

Page No.

TABLE 1 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDER- GARTEN GROUPS IN MATCH #1	1
(a) Rating Questionnaire - Stage II	1
(b) Rating Questionnaire - Stage III	1
(c) Rating Questionnaire - Stage IV	2
(d) Rating Questionnaire - Stage V	2
(e) Intelligence Test - Stage IV	2
(f) Metropolitan Achievement Test - Stage III	3
(g) Metropolitan Achievement Test - Stage IV	3
(h) Metropolitan Achievement Test - Stage V	3
TABLE 2 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDER- GARTEN GROUPS IN MATCH #2	4
(a) Rating Questionnaire - Stage III	4
(b) Rating Questionnaire - Stage IV	4
(c) Rating Questionnaire - Stage V	5
(d) Intelligence Test - Stage IV	5
(e) Metropolitan Achievement Test - Stage III	6
(f) Metropolitan Achievement Test - Stage IV	6
(g) Metropolitan Achievement Test - Stage V	6
TABLE 3 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDER- GARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE ..	7
(a) Rating Questionnaire - Stage II	7
(b) Rating Questionnaire - Stage III	7
(c) Rating Questionnaire - Stage IV	8
(d) Rating Questionnaire - Stage V	8
(e) Intelligence Test - Stage IV	8
(f) Metropolitan Achievement Test - Stage III	9
(g) Metropolitan Achievement Test - Stage IV	9
(h) Metropolitan Achievement Test - Stage V	10
TABLE 4 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDER- GARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE ..	11
(a) Rating Questionnaire - Stage III	11
(b) Rating Questionnaire - Stage IV	11
(c) Rating Questionnaire - Stage V	12
(d) Intelligence Test - Stage IV	12
(e) Metropolitan Achievement Test - Stage III	13
(f) Metropolitan Achievement Test - Stage IV	13
(g) Metropolitan Achievement Test - Stage V	14

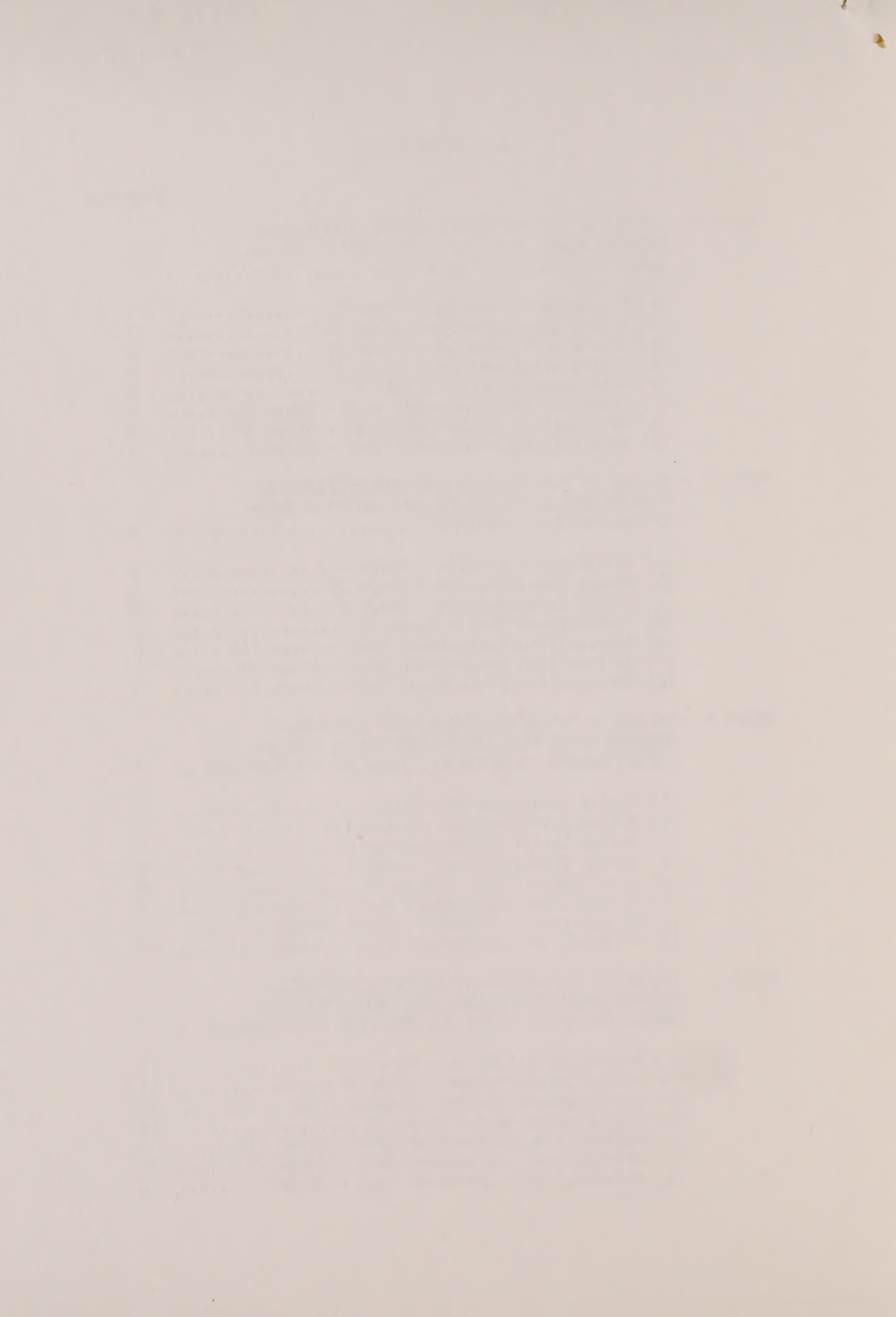



TABLE 5 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS'	
EDUCATION	15
(a) Rating Questionnaire - Stage II	15
(b) Rating Questionnaire - Stage III	16
(c) Rating Questionnaire - Stage IV	17
(d) Rating Questionnaire - Stage V	18
(e) Intelligence Test - Stage IV	19
(f) Metropolitan Achievement Test - Stage III	20
(g) Metropolitan Achievement Test - Stage IV	21
(h) Metropolitan Achievement Test - Stage V	22

TABLE 6 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS'	
EDUCATION	23
(a) Rating Questionnaire - Stage III	23
(b) Rating Questionnaire - Stage IV	24
(c) Rating Questionnaire - Stage V	25
(d) Intelligence Test - Stage IV	26
(e) Metropolitan Achievement Test - Stage III	27
(f) Metropolitan Achievement Test - Stage IV	28
(g) Metropolitan Achievement Test - Stage V	29

TABLE 7 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS'	
EDUCATION	30
(a) Rating Questionnaire - Stage II	30
(b) Rating Questionnaire - Stage III	31
(c) Rating Questionnaire - Stage IV	32
(d) Rating Questionnaire - Stage V	33
(e) Intelligence Test - Stage IV	34
(f) Metropolitan Achievement Test - Stage III	35
(g) Metropolitan Achievement Test - Stage IV	36
(h) Metropolitan Achievement Test - Stage V	37

TABLE 8 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS'	
EDUCATION	38
(a) Rating Questionnaire - Stage III	38
(b) Rating Questionnaire - Stage IV	39
(c) Rating Questionnaire - Stage V	40
(d) Intelligence Test - Stage IV	41
(e) Metropolitan Achievement Test - Stage III	42
(f) Metropolitan Achievement Test - Stage IV	43
(g) Metropolitan Achievement Test - Stage V	44



Digitized by the Internet Archive
in 2024 with funding from
University of Toronto

<https://archive.org/details/31761120621248>

TABLE 9 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS'	
OCCUPATION	45
(a) Rating Questionnaire - Stage II	45
(b) Rating Questionnaire - Stage III	46
(c) Rating Questionnaire - Stage IV	47
(d) Rating Questionnaire - Stage V	48
(e) Intelligence Test - Stage IV	49
(f) Metropolitan Achievement Test - Stage III	50
(g) Metropolitan Achievement Test - Stage IV	51
(h) Metropolitan Achievement Test - Stage V	52

TABLE 10 - VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS'	
OCCUPATION	53
(a) Rating Questionnaire - Stage III	53
(b) Rating Questionnaire - Stage IV	54
(c) Rating Questionnaire - Stage V	55
(d) Intelligence Test - Stage IV	56
(e) Metropolitan Achievement Test - Stage III	57
(f) Metropolitan Achievement Test - Stage IV	58
(g) Metropolitan Achievement Test - Stage V	59

Special Note: All tests of significance are two-tailed tests.

TABLE 1

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1

TABLE 1 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	(N = 547)	"t"
Language		3.924**
Social		2.915**
Mental		3.589**
Physical		4.829**
Emotional		3.621**
Language and Mental		3.933**
Total		4.341**

TABLE 1 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	(N = 523)	"t"
Language		3.288**
Social		3.311**
Mental		3.608**
Physical		4.191**
Emotional		2.847**
Language and Mental		3.681**
Total		3.897**

* Significant at less than .05

** Significant at less than .01

TABLE 1

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1

TABLE 1 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	(N = 469)	"t"
Language		3.046**
Social		3.487**
Mental		3.316**
Physical		2.437**
Emotional		2.652**
Language and Mental		3.268**
Total		3.354**

TABLE 1 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	(N = 510)	"t"
Adjustment		2.021*
Performance		2.206*
Creativity		2.468*
Prediction		2.778**
Subtotal		2.457*
Total		2.536*

TABLE 1 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	(N = 510)	"t"
Otis I. Q.		3.225**

* Significant at less than .05
** Significant at less than .01

TABLE 1

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1

TABLE 1 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	(N = 521)	"t"
Word Knowledge		1.563
Word Discrimination		2.149*
Reading		2.741**
Arithmetic		2.524*

TABLE 1 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	(N = 433)	"t"
Word Knowledge		1.901
Word Discrimination		1.591
Reading		1.551
Spelling		1.394
Arithmetic A		3.151**
Arithmetic B		2.439*
Arithmetic A and B		3.270**

TABLE 1 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	(N = 393)	"t"
Word Knowledge		2.491*
Word Discrimination		2.444*
Reading		2.263*
Spelling		2.085*
Language A		1.556
Language B		1.273
Language A and B		1.473
Arithmetic Comprehension		1.540
Arithmetic Problem Solving		1.967*

* Significant at less than .05

** Significant at less than .01

TABLE 2

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2

TABLE 2 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	(N = 459)	"t"
Language		-.686
Social		.912
Mental		-.880
Physical		.870
Emotional		-.672
Language and Mental		-.836
Total		-.387

TABLE 2 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	(N = 353)	"t"
Language		1.050
Social		2.865**
Mental		1.717
Physical		1.147
Emotional		1.578
Language and Mental		1.358
Total		1.746

* Significant at less than .05

** Significant at less than .01

TABLE 2

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2

TABLE 2 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsection	(N = 354)	"t"
Adjustment		1.029
Performance		.658
Creativity		1.328
Prediction		.167
Subtotal		1.060
Total		.990

TABLE 2 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	(N = 387)	"t"
Otis I. Q.		1.086

* Significant at less than .05

** Significant at less than .01

TABLE 2

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2

TABLE 2 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	(N = 430)	"t"
Word Knowledge		-3.109**
Word Discrimination		-2.162*
Reading		-1.211
Spelling		-1.160

TABLE 2 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	(N = 360)	"t"
Word Knowledge		-2.408*
Word Discrimination		-2.919**
Reading		-2.161*
Spelling		-2.094*
Arithmetic A		- .350
Arithmetic B		.747
Arithmetic A and B		.050

TABLE 2 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	(N = 317)	"t"
Word Knowledge		- .457
Word Discrimination		.030
Reading		- .127
Spelling		-1.284
Language A		-1.454
Language B		-1.012
Language A and B		-1.647
Arithmetic Comprehension		- .618
Arithmetic Problem Solving		- .493

* Significant at less than .05

** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	English (N = 392)	English - Bilingual (N = 142)
Language	2.633**	3.357**
Social	2.782**	1.157
Mental	2.233*	3.371**
Physical	3.349**	3.651**
Emotional	2.118*	3.581**
Language and Mental	2.515*	3.632**
Total	2.890**	3.822**

TABLE 3 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	English (N = 370)	English - Bilingual (N = 142)
Language	2.487*	2.673**
Social	2.723**	2.086*
Mental	3.009**	2.117*
Physical	4.996**	.541
Emotional	2.441*	1.540
Language and Mental	2.957**	2.518*
Total	3.352**	2.260*

* Significant at less than .05

** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	English (N = 325)	English - Bilingual (N = 137)
Language	2.740**	1.515
Social	3.293**	1.476
Mental	3.239**	1.207
Physical	2.308*	1.010
Emotional	2.686**	.759
Language and Mental	3.026**	1.465
Total	3.154**	1.409

TABLE 3 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	English (N = 365)	English - Bilingual (N = 135)
Adjustment	1.932	.481
Performance	1.684	1.310
Creativity	2.514*	.991
Prediction	2.352*	1.577
Subtotal	2.219*	1.035
Total	2.275*	1.105

TABLE 3 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	English (N = 359)	English - Bilingual (N = 140)
Otis I. Q.	2.657**	1.683

* Significant at less than .05

** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	English (N = 370)	English - Bilingual (N = 141)
Word Knowledge	1.261	.898
Word Discrimination	1.810	.863
Reading	2.394*	1.154
Arithmetic	2.108*	2.014*

TABLE 3 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	English (N = 307)	English - Bilingual (N = 117)
Word Knowledge	1.894	.262
Word Discrimination	1.720	.104
Reading	1.566	.252
Spelling	1.768	-.430
Arithmetic A	3.394**	.253
Arithmetic B	2.383*	.332
Arithmetic A and B	3.457**	.288

* Significant at less than .05

** Significant at less than .01

TABLE 3

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR LANGUAGE

TABLE 3 (h) - METROPOLITAN ACHIEVEMENT TEST - V

Subsections of M. A. T.	English	English - Bilingual
	(N = 281)	(N = 107)
Word Knowledge	1.691	1.945
Word Discrimination	2.312*	.902
Reading	2.062*	1.133
Spelling	1.817	.987
Language A	.400	2.800**
Language B	.949	.801
Language A and B	1.065	1.084
Arithmetic Comprehension	1.636	.052
Arithmetic Problem Solving	1.458	1.433

* Significant at less than .05

** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	English (N = 351)	English - Bilingual (N = 98)
Language	.070	-1.674
Social	1.120	- .114
Mental	.532	-2.464*
Physical	2.263*	-1.853
Emotional	.324	-1.824
Language and Mental	.325	-2.227*
Total	.718	-1.966

TABLE 4 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	English (N = 274)	English - Bilingual (N = 73)
Language	1.798	- .853
Social	3.147**	.453
Mental	2.563*	- .706
Physical	1.324	- .170
Emotional	1.708	.263
Language and Mental	2.163*	- .820
Total	2.345*	- .397

* Significant at less than .05

** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	English (N = 286)	English - Bilingual (N = 65)
Adjustment	.670	1.014
Performance	1.096	- .677
Creativity	1.242	.671
Prediction	.423	- .273
Subtotal	1.111	.254
Total	1.063	.205

TABLE 4 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	English (N = 297)	English - Bilingual (N = 72)
Otis I. Q.	.881	.281

* Significant at less than .05

** Significant at less than .01

TABLE 4
VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE
TABLE 4 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	English (N = 332)	English - Bilingual (N = 89)
Word Knowledge	-2.891**	-1.214
Word Discrimination	-2.181*	-.096
Reading	-1.106	-.426
Arithmetic	-.708	-1.155

TABLE 4 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	English (N = 282)	English - Bilingual (N = 73)
Word Knowledge	-2.514*	-.352
Word Discrimination	-3.214**	.148
Reading	-2.294*	-.132
Spelling	-2.671**	.633
Arithmetic A	-.509	.422
Arithmetic B	.386	.911
Arithmetic A and B	-.297	.859

* Significant at less than .05
** Significant at less than .01

TABLE 4

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR LANGUAGE

TABLE 4 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	English	English - Bilingual
	(N = 256)	(N = 57)
Word Knowledge	- .410	- .172
Word Discrimination	.260	- .852
Reading	.097	- .461
Spelling	-1.314	- .048
Language A	-1.300	- .771
Language B	- .600	-1.257
Language A and B	-1.273	-1.361
Arithmetic Comprehension	- .510	- .218
Arithmetic Problem Solving	- .129	- .813

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	Educational Categories				
	LOW 0 (N = 26)	1 (N = 228)	2 (N = 186)	3 (N = 49)	HIGH 5 (N = 13)
Language	1.763	3.056**	2.426*	.168	.532
Social	.157	1.720	3.283**	.730	-.248
Mental	1.806	2.359*	2.589*	.658	-.069
Physical	.619	4.856**	2.159*	.546	-.836
Emotional	1.492	3.381**	1.599	.238	-.112
Language and Mental	1.927	2.769**	2.682**	.492	.160
Total	1.852	3.269**	2.857**	.390	-.054

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	Educational Categories				HIGH 5 (N = 7)
	LOW 0 (N = 26)	1 (N = 219)	2 (N = 176)	3 (N = 45)	
Language	2.311*	2.413*	1.826	-.036	.640
Social	1.438	2.113*	2.262*	.631	.168
Mental	2.665**	1.854	3.377**	-.363	-.133
Physical	.661	2.585*	3.218**	1.550	1.019
Emotional	.862	1.551	2.978**	.181	-.296
Language and Mental	2.625*	2.234*	2.825**	-.205	.169
Total	1.993	2.325*	3.172**	.205	.129

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subcategories	Educational Categories				
	LOW 0 (N = 25)	1 (N = 182)	2 (N = 176)	3 (N = 43)	HIGH 5 (N = 13)
Language	1.250	1.578	2.559*	1.261	1.668
Social	.456	1.984*	2.964**	1.221	1.803
Mental	2.095*	1.678	2.746**	1.373	.937
Physical	1.467	1.683	1.992*	1.274	.975
Emotional	.226	2.177*	1.437	1.975	.375
Language and Mental	1.627	1.669	2.728**	1.352	1.414
Total	1.294	1.931	2.699**	1.536	1.335

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (a) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Educational Categories			
	LOW (N = 25)	1 (N = 214)	2 (N = 173)	3 (N = 38)
Adjustment	.375	1.058	1.462	.869
Performance	.982	.619	1.650	1.245
Creativity	.726	1.097	1.210	1.959
Prediction	1.737	.404	2.529*	1.381
Subtotal	.493	.968	1.659	1.398
Total	.615	.931	1.788	1.413
				HIGH 5 (N = 14)
				.667
				1.073
				1.124
				.586
				1.059
				1.035

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	<u>Educational Categories</u>				
	LOW 0 (N = 24)	1 (N = 210)	2 (N = 179)	3 (N = 43)	HIGH 5 (N = 14)
Otis I. Q.	1.109	2.150*	1.654	2.007	- .361

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered High School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories				
	LOW 0 (N = 25)	1 (N = 212)	2 (N = 181)	3 (N = 44)	HIGH 5 (N = 11)
Word Knowledge	.898	.573	2.189*	-1.127	1.555
Word Discrimination	1.414	1.254	3.037**	-.520	.844
Reading	.471	1.548	2.348*	.534	1.272
Arithmetic	1.500	1.532	2.097*	-.103	-.374

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (E) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories				HIGH 5 (N = 10)
	0 (N = 24)	1 (N = 179)	2 (N = 151)	3 (N = 39)	
Word Knowledge	.085	1.580	1.847	-.311	-.062
Word Discrimination	1.391	.813	1.969	-.906	.120
Reading	.853	.616	2.035*	-.478	0
Spelling	-.369	.820	2.600*	-.211	.392
Arithmetic A	.817	1.760	2.765**	.708	.052
Arithmetic B	.603	1.357	2.077*	.224	-.103
Arithmetic A and B	.837	1.573	3.067**	.845	-.016

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 5

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' EDUCATION

TABLE 5 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories				
	LOW 0	1	2	3	HIGH 5
	(N = 17)	(N = 163)	(N = 136)	(N = 32)	(N = 13)
Word Knowledge	.761	1.491	2.206*	1.111	.447
Word Discrimination	0	2.086*	1.654	1.081	.817
Reading	.099	1.852	2.459*	.178	.543
Spelling	.754	1.773	2.413*	.302	.185
Language A	2.206*	1.229	1.203	.138	.147
Language B	2.129	1.377	.888	.265	.670
Language A and B	2.310*	1.136	1.202	-.054	.459
Arithmetic Comprehension	1.120	.727	1.179	-.117	.639
Arithmetic Problem Solving	.077	1.860	1.938	-.366	.544

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF F 'S REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KIDNAPERS' GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Sub-sections	Educational Categories				
	LOW (N = 12)	1 (N = 185)	2 (N = 174)	3 (N = 63)	HIGH 5 (N = 22)
Language	-.933	-1.757	.706	-.347	.255
Social	-1.106	-.962	1.383	1.568	.631
Mental	-.882	-2.841**	1.537	-.656	1.029
Physical	-.868	-.868	1.350	1.058	1.056
Emotional	-.871	-2.087*	1.261	-.157	-.212
Language and Mental	-.937	-2.488*	1.190	-.538	.656
Total	-1.029	-2.203*	1.390	.022	.586

CODE

- 0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories				HIGH 5 (N = 25)
	LOW 0 (N = 11)	1 (N = 135)	2 (N = 131)	3 (N = 49)	
Language	-.326	-.583	.713	1.145	2.341*
Social	.359	1.517	1.120	1.357	2.676*
Mental	-.343	.260	1.047	.559	3.698**
Physical	.105	.623	.330	.805	.898
Emotional	-.083	1.356	.282	1.321	.302
Language and Mental	-.345	-.242	.865	.938	3.002**
Total	-.153	.438	.812	1.174	2.479*

CC-E

- 0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Educational Categories				
	LOW (N = 12)	1 (N = 138)	2 (N = 127)	3 (N = 48)	HIGH 5 (N = 27)
Adjustment	3.742**	-.020	.240	.412	1.342
Performance	1.584	-1.632	1.059	.653	1.728
Creativity	1.558	.125	1.102	.754	.211
Prediction	2.017	-1.775	1.253	.113	.464
Subtotal	2.507*	-.706	.893	.675	1.442
Total	2.484*	-.817	.940	.602	1.395

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Educational Categories				
	LOW 0 (N = 5)	1 (N = 131)	2 (N = 133)	3 (N = 53)	HIGH 5 (N = 24)
Otis I. Q.	.799	1.399	.547	-.560	.162

1938

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05
** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories				HIGH 5 (N = 24)
	LOW 0 (N = 12)	1 (N = 168)	2 (N = 166)	3 (N = 58)	
Word knowledge	.575	-2.141*	-1.807	-2.445*	-.055
Word discrimination	-.206	-1.609	-1.010	-1.139	-.824
Reading	-1.573	-.624	-.605	-1.410	-.219
Arithmetic	.286	-1.933	.370	-.885	.067

- 0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories				
	LOW 0 (N = 10)	1 (N = 151)	2 (N = 125)	3 (N = 50)	HIGH 5 (N = 23)
Word Knowledge	.035	-2.180*	-.790	-1.369	-.043
Word Discrimination	.628	-1.891	-1.581	-2.262	-.172
Reading	.369	-1.852	-.793	-1.837	1.341
Spelling	.515	-1.517	-1.088	-2.097*	1.964
Arithmetic A	.875	-1.596	1.324	-1.392	1.742
Arithmetic B	.990	-.825	1.450	-.196	2.478*
Arithmetic A and B	1.146	-1.483	1.390	-.939	2.296*

CC-3

- 0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School
5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 6

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR HINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' EDUCATION

TABLE 6 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories				
	LOW 0 (N = 8)	1 (N = 121)	2 (N = 116)	3 (N = 46)	HIGH 5 (N = 24)
Word Knowledge	-.779	-1.404	.674	-.793	1.287
Word Discrimination	-.608	-.909	.976	-.677	.962
Reading	-.763	-1.634	1.187	-.306	1.003
Spelling	1.234	-2.408*	-.341	.125	.020
Language A	.187	-1.416	-.271	-1.157	.371
Language B	.950	-1.933	1.037	-1.625	-.370
Language A and B	.847	-2.208*	.437	-1.564	-.168
Arithmetic Comprehension	2.130	-1.937	-.064	-.370	1.536
Arithmetic Problem Solving	1.361	-.873	.047	-1.300	.978

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School
- 5 - Completed University

* Significant at less than .05

** Significant at less than .01

TABLE 7
VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	Educational Categories		
	LOW 0 (N = 34)	1 (N = 196)	HIGH 2 (N = 218) 3 (N = 61)
Language	1.223	2.174*	1.461
Social	-.451	1.094	2.735**
Mental	.162	1.643	2.680**
Physical	0	4.271**	1.732
Emotional	1.310	2.100*	3.449**
Language and Mental	.624	1.996	2.340*
Total	.650	2.398*	2.838**

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 - RATING QUESTIONNAIRE - STAGE III

Questionnaire Subsections	Educational Categories			HIGH 3 (N = 56)
	0 (N = 25)	1 (N = 197)	2 (N = 201)	
Language	- .078	1.606	3.151**	.511
Physical	- .757	1.505	3.550**	.765
Emotional	.107	1.190	4.067**	.621
Physical	-1.084	2.222*	4.956**	.599
Emotional	-1.025	1.122	3.581**	.653
Language and Mental	.025	1.483	3.890**	.590
Total	- .501	1.659	4.344**	.699

CODE

- 0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 7

VALUES OF "s" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories			HIGH 3 (N = 60)
	LOW 0 (N = 30)	1 (N = 172)	2 (N = 183)	
Language	1.049	1.626	2.406*	1.623
Social	.844	1.567	3.238**	1.302
Mental	1.542	1.532	2.851*	1.342
Physical	1.800	1.764	2.22**	.473
Emotional	.525	1.204	2.042**	1.256
Language and Mental	1.584	1.648	2.693**	1.574
Total	1.312	1.686	2.350**	1.445

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 7

VALUES OF "d" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (d) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Educational Categories		
	LOW 0 (N = 35)	1 (N = 179)	HIGH 3 (N = 56)
Adjustment	-.558	.944	1.039
Performance	-.247	.241	1.550
Spontaneity	-.331	.425	2.133
Prediction	-.424	.501	1.260
Subtotal	-.387	.588	1.740
Total	-.310	.505	1.780

NOTE

- 0 - Did Not Complete Public School
 - 1 - Completed Public School
 - 2 - Entered Secondary School
 - 3 - Completed Secondary School
- NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Educational Categories		
	LOW 0 (N = 31)	1 (N = 182)	2 (N = 201)
Otis I. Q.	- .242	1.899	2.653**
			.582

NOTE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
CONTROL AND SENILE DEMENTIA GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories		
	LOW 0 (N = 27)	1 (N = 194)	HIGH 2 (N = 199) 3 (N = 61)
Word Knowledge	-1.305	1.119	.869
Word Discrimination	.265	1.506	1.597
Reading	-1.519	1.629	1.922
Arithmetic	-1.330	1.790	1.895
			2.285*
			1.606
			2.541*
			.440

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 7
VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV			
Subsections of M. A. T.	Educational Categories		
LOW 0	1	2	HIGH 3
(N = 26)	(N = 151)	(N = 172)	(N = 56)
Word Knowledge	1.183	.939	1.790
Word Discrimination	.919	.587	1.424
Spelling	.515	.645	1.577
Arithmetic A	.944	1.050	1.819
Arithmetic B	1.894	1.663	2.081*
Arithmetic A and B	1.395	1.334	2.032*
	1.909	1.836	2.382*

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
** Significant at less than .01

TABLE 7

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR MOTHERS' EDUCATION

TABLE 7 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories		
	LOW	1	HIGH
	0	2	3
	(N = 21)	(N = 136)	(N = 20)
Word knowledge	1.895	.342	.586
Word Discrimination	.971	.608	.488
Reading	.426	.258	.217
Spelling	2.186*	.294	.373
Language A	1.314	-.157	.160
Language B	.571	-.066	.318
Language A and B	.911	-.728	-.126
Arithmetic Comprehension	.057	.215	-.036
Arithmetic Problem Solving	-.319	.920	.177

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (a) - RATING QUESTIONNAIRE - STAGE III

Questionnaire Sections	Educational Categories			HIGH 3 (N = 75)
	LOW 0 (N = 18)	1 (N = 172)	2 (N = 187)	
Language	-.515	-.144	-.782	.046
Social	-1.008	.017	.852	1.473
Mental	-.627	-1.095	-.313	.271
Physical	-.959	.340	.697	1.041
Emotional	-1.034	-.925	.042	.302
Language and Mental	-.609	-.717	-.578	.172
Total	-.864	-.589	-.107	.555

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Educational Categories		
	LOW 0 (N = 14)	1 (N = 119)	HIGH 3 (N = 61)
Language	.225	.166	1.865
Social	1.010	.773	2.489*
Mental	.305	.637	1.493
Physical	.442	.208	.419
Emotional	1.246	.558	1.167
Language and Mental	.262	.157	1.767
Total	.640	.347	1.806

CODE

0 - Did Not Complete Public School

1 - Completed Public School

2 - Entered Secondary School

3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Educational Categories		
	LOW 0 (N = 16)	1 (N = 121)	HIGH 3 (N = 58)
Adjustment	2.657*	.367	.462
Performance	1.403	-1.278	1.349
Creativity	1.783	-.074	-.127
Prediction	1.861	-.483	.956
Subtotal	2.396*	-.446	.788
Total	2.373*	-.456	.817

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05
 ** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	<u>Educational Categories</u>			
	LOW 0 (N = 8)	1 (N = 106)	2 (N = 161)	HIGH 3 (N = 62)
Otis I. Q.	1.496	.317	.532	0

CODE

- Did Not Complete Public School
- Completed Public School
- Entered Secondary School
- Completed Secondary School

NOTE: There is not Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MATHEMATICS EDUCATION

TABLE 8 (e) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Educational Categories		
	LOW 0 (N = 17)	1 (N = 156)	HIGH 3 (N = 73)
Word Knowledge	1.139	-1.144	-1.417
Word Discrimination	.058	.241	-1.012
Reading	-.675	-.608	-.884
Arithmetic	.858	-1.539	.577
		-3.027**	
		-2.890**	
		-.811	
		-1.063	

CODE

- 0 - Did Not Complete Public School
1 - Completed Public School
2 - Entered Secondary School
3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Educational Categories		
	LOW 0 (N = 12)	1 (N = 127)	HIGH 3 (N = 59)
Word Knowledge	.049	-1.410	-2.253*
Word Discrimination	.351	- .918	-3.170**
Spelling	.324	-1.104	-2.575*
Arithmetic A	.686	- .786	-2.430*
Arithmetic B	1.616	-1.220	- .560
Arithmetic A and B	1.024	- .032	- .510
	1.523	- .891	- .616
			- .076
			- .798
			- .439
			- .760
			1.261
			2.041
			1.529

CODE

- 0 - Did Not Complete Public School
 - 1 - Completed Public School
 - 2 - Entered Secondary School
 - 3 - Completed Secondary School
- NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 8

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR MOTHERS' EDUCATION

TABLE 8 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Educational Categories		
	LOW 0 (N = 9)	1 (N = 109)	HIGH 3 (N = 52)
Word Knowledge	-1.500	.153	-1.145
Word Discrimination	-.673	1.115	-.830
Reading	-1.156	-1.001	.379
Spelling	.665	-1.020	-1.528
Language A	-.030	-.560	-1.357
Language B	.531	-1.220	-.431
Language A and B	.403	-1.416	-.964
Arithmetic Comprehension	2.159	-1.348	-.466
Arithmetic Problem Solving	1.410	-.166	-.639
			.557
			-.012
			.344
			.423
			-.891
			.035
			-.506
			-.360
			-.718

CODE

- 0 - Did Not Complete Public School
- 1 - Completed Public School
- 2 - Entered Secondary School
- 3 - Completed Secondary School

NOTE: There is no Category 5 for Mothers' Education

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (a) - RATING QUESTIONNAIRE - STAGE II

Questionnaire Subsections	Occupational Categories					HIGH 7 (N = 4)
	1 (N = 77)	2 (N = 194)	3 (N = 158)	4 (N = 90)	5 & 6 (N = 16)	
Language	1.673	2.967**	2.122*	1.261	.765	-1.175
Social	.982	1.787	1.629	1.849	-.270	-.404
Mental	2.973**	1.956	2.202*	.737	.254	-1.762
Physical	2.886**	3.507**	1.731	2.135*	-.249	-4.856*
Emotional	3.900**	1.820	1.505	1.253	-1.236	-1.260
Language and Mental	2.598*	2.488*	2.311*	.992	.442	-1.665
Total	7.949**	2.693**	2.264*	1.472	.036	-1.686

CODE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (b) - RATING QUESTIONNAIRE - STAGE III

Questionnaire	Occupational Categories					HIGH 7
	LOW 1	2	3	4	5 & 6 (N = 13)	
	(N = 74)	(N = 191)	(N = 152)	(N = 83)		(N = 2)
Language	1.268	2.067*	2.175*	1.198	1.841	-1.000
Social	1.537	1.777	2.157*	1.026	.220	1.000
Mental	1.722	1.652	2.445*	.922	.383	-1.000
Physical	.851	3.419**	1.459	1.982	.728	0
Emotional	1.053	1.256	2.330*	.691	.032	-5.000
Language and Mental	1.571	1.968	2.462*	.420	1.092	0
Total	1.506	2.197*	2.542*	.796	.693	-1.333

- 1 - Unskilled Employees
 2 - Semi-Skilled Employees
 3 - Skilled Manual
 4 - Clerical and Sales
 5 & 6 - Administrative Personnel - Business Managers
 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (c) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire	Occupational Categories					HIGH 7 (N = 5)
	1 (N = 62)	2 (N = 166)	3 (N = 145)	4 (N = 70)	5 & 6 (N = 17)	
Language	1.316	.937	2.781**	1.111	.059	-.725
Social	1.124	.758	2.632**	2.419*	.250	-.845
Physical	1.404	.823	2.987**	-.347	0	-.386
Emotional	1.629	1.021	2.414*	.894	-.666	-.343
Language and Mental	1.436	1.034	2.867**	1.332	-.038	-1.372
Total	1.541	1.060	2.998**	1.305	-.114	-.588

- 1 - Unskilled Employees
 2 - Semi-Skilled Employees
 3 - Skilled Manual
 4 - Clerical and Sales
 5 & 6 - Administrative Personnel - Business Managers
 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR EMERGATION GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (a) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Occupational Categories					HIGH 7 (N = 5)
	LOW 1 (N = 71)	2 (N = 185)	3 (N = 148)	4 (N = 78)	5 & 6 (N = 15)	
Adjustment	1.000	-.050	1.950	1.062	-.046	-.492
Performance	1.67	.377	1.311	.622	.122	.206
Creativity	1.817	.739	1.003	2.150	-.842	1.425
Preoccupation	1.323	.332	1.224*	.810	-.232	.784
Subtotal	1.633	.372	1.802	1.240	-.223	.800
Total	1.725	.380	1.883	1.220	-.224	.810

NOTE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (e) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Occupational Categories				
	LOW	2	3	4	HIGH
	(N = 67)	(N = 186)	(N = 150)	(N = 79)	(N = 5)
Otis I. Q.	.776	1.920	2.126*	.904	1.586
					- .865

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05
 ** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Occupational Categories					HIGH
	LOW	1	2	3	4	5 & 6
		(N = 74)	(N = 190)	(N = 151)	(N = 78)	(N = 17)
Word Knowledge	1.367		.091	.908	.774	.498
Word Discrimination	1.437		.948	1.266	.552	.742
Reading	1.532		1.867	1.211	.364	.999
Arithmetic	1.638		1.228	1.677	.735	.252
						1.123
						-.640
						2.500
						-1.286

CODE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (g) -- METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Occupational Categories				
	LOW 1 (N = 53)	2 (N = 162)	3 (N = 130)	4 (N = 65)	HIGH 5 & 6 7 (N = 3)
Word Knowledge	1.423	.326	2.280*	.089	-.537
Word Discrimination	.638	.505	1.651	.618	-.106
Reading	.357	.644	1.534	.216	-1.992
Spelling	-.488	1.076	.997	.814	.397
Arithmetic A	.289	1.635	2.792**	1.265	.189
Arithmetic B	-.235	1.214	2.378*	1.420	-1.181
Arithmetic A and B	.068	1.663	3.081**	1.444	-1.287

CODE

- 1 - Unskilled Employees
 2 - Semi-Skilled Employees
 3 - Skilled Manual
 4 - Clerical and Sales
 5 & 6 - Administrative Personnel - Business Managers
 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 9

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #1, ISOLATED FOR FATHERS' OCCUPATION

TABLE 9 (h) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Occupational Categories					HIGH 7 (N = 4)
	LOW 1 (N = 51)	2 (N = 142)	3 (N = 111)	4 (N = 66)	5 & 6 (N = 14)	
Word Knowledge	2.254*	.907	1.735	.943	.162	-.586
Word Discrimination	1.210	.318	1.878	1.988	.171	-.649
Reading	.993	.328	1.951	1.681	.694	-.857
Spelling	.475	.395	2.191*	1.924	-.574	1.321
Language A	1.577	-.550	1.173	2.513*	-.542	-.163
Language B	.094	.935	.216	1.345	-.065	-.046
Language A and B	.892	-.025	.733	1.988	-.159	-.184
Arithmetic Comprehension	.556	.424	.815	1.574	.321	-1.256
Arithmetic Problem Solving	1.936	-.212	1.372	1.361	.134	.187

CODE

- 1 - Unskilled Employees
 2 - Semi-Skilled Employees
 3 - Skilled Manual
 4 - Clerical and Sales
 5 & 6 - Administrative Personnel - Business Managers
 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (a) - RATING QUESTIONNAIRE - STAGE III

Subsections of M. A. T.	Occupational Categories					HIGH 7 (N = 15)
	LOW 1 (N = 52)	2 (N = 138)	3 (N = 136)	4 (N = 99)	5 & 6 (N = 19)	
Language	-.841	-.149	-.550	-1.082	1.379	.631
Social	-.594	.536	.206	.756	1.494	.453
Mental	-1.565	-.787	-.053	-.975	1.977	.981
Physical	-2.656*	.130	1.559	1.552	1.566	-.250
Emotional	-1.481	-.388	.639	-1.307	1.263	-.040
Language and Mental	-1.331	-.527	-.314	-1.090	1.750	.850
Total	-1.528	-.284	.176	-.641	1.831	.610

CODE

- 1 - Unskilled Employees
 2 - Semi-Skilled Employees
 3 - Skilled Manual
 4 - Clerical and Sales
 5 & 6 - Administrative Personnel - Business Managers
 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (b) - RATING QUESTIONNAIRE - STAGE IV

Questionnaire Subsections	Occupational Categories					HIGH 7 (N = 16)
	LOW 1 (N = 37)	2 (N = 97)	3 (N = 107)	4 (N = 77)	5 & 6 (N = 19)	
Language	.862	-.916	1.015	0	1.312	2.085
Social	1.205	.737	2.047*	.162	1.783	2.776*
Mental	.249	-.218	1.651	-.188	1.529	3.316**
Physical	1.780	-1.287	2.543*	-.962	.059	.645
Emotional	1.557	-.192	1.836	-.311	-.146	1.269
Language and Mental	.618	-.653	1.290	-.077	1.451	2.662*
Total	1.093	-.468	1.770	-.193	1.124	2.530*

CCDE

- 1 - Unskilled Employees
 2 - Semi-Skilled Employees
 3 - Skilled Manual
 4 - Clerical and Sales
 5 & 6 - Administrative Personnel - Business Managers
 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (c) - RATING QUESTIONNAIRE - STAGE V

Questionnaire Subsections	Occupational Categories					
	LOW 1 (N = 32)	2 (N = 111)	3 (N = 103)	4 (N = 74)	5 & 6 (N = 16)	HIGH 7 (N = 18)
Adjustment	1.675	-.724	-.466	.928	1.865	1.758
Performance	-.262	-.018	-.619	.492	2.258*	1.971
Creativity	1.747	1.204	-.656	1.169	.242	.312
Professionalism	1.002	-.003	-.482	-.181	2.711*	.718
Subtotal	1.035	.051	-.628	.898	1.960	1.729
Total	1.002	.008	-.622	.803	2.075	1.666

55

- 1 - Unskilled Employees
 2 - Semi-Skilled Employees
 3 - Skilled Manual
 4 - Clerical and Sales
 5 & 6 - Administrative Personnel - Business Managers
 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (d) - INTELLIGENCE TEST - STAGE IV

Intelligence Test	Occupational Categories				
	LOW 1 (N = 44)	2 (N = 109)	3 (N = 177)	4 (N = 85)	HIGH 7 (N = 16)
Otis I. Q.	1.593	.988	.206	-.537	.849

CODE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Unskilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (e) -- METROPOLITAN ACHIEVEMENT TEST - STAGE III

Subsections of M. A. T.	Occupational Categories					HIGH 7
	LOW 1 (N = 45)	2 (N = 127)	3 (N = 131)	4 (N = 92)	5 & 6 (N = 18)	
Word Knowledge	.420	-3.558**	-1.081	-1.409	.617	-.587
Word Discrimination	.143	-2.344*	-1.043	-.595	.547	-.863
Reading	.566	-2.245*	-.430	-.072	.755	-.084
Arithmetic	-.162	-1.618	-.990	.569	.299	.221

CODE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (f) - METROPOLITAN ACHIEVEMENT TEST - STAGE IV

Subsections of M. A. T.	Occupational Categories					HIGH 7
	LOW 1 (N = 41)	2 (N = 107)	3 (N = 108)	4 (N = 73)	5 & 6 (N = 17)	
Word Knowledge	.126	-2.180*	-.535	-2.454*	1.153	-.740
Word Discrimination	-.468	-1.471	-1.792	-2.150*	.056	.362
Reading	-.035	-1.411	-1.366	-1.826	1.020	1.103
Spelling	-.503	-1.330	-.794	-2.519*	1.436	1.616
Arithmetic A	0	-.233	-.104	-1.381	1.642	.937
Arithmetic B	-.260	-.974	2.172*	-.582	1.515	1.266
Arithmetic A and B	.201	-.566	.590	-1.240	1.908*	1.143

1 - Unskilled Employees

2 - Semi-Skilled Employees

3 - Skilled Manual

4 - Clerical and Sales

5 & 6 - Administrative Personnel - Business Managers

7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

TABLE 10

VALUES OF "t" REPRESENTING THE DIFFERENCES BETWEEN MEANS FOR
JUNIOR AND SENIOR KINDERGARTEN GROUPS IN MATCH #2, ISOLATED FOR FATHERS' OCCUPATION

TABLE 10 (g) - METROPOLITAN ACHIEVEMENT TEST - STAGE V

Subsections of M. A. T.	Occupational Categories					HIGH 7 (N = 16)
	LOW 1 (N = 32)	2 (N = 96)	3 (N = 95)	4 (N = 63)	5 & 6 (N = 15)	
Word Knowledge	-1.105	-.204	.007	-1.161	1.233	.960
Word Discrimination	-.188	-.144	.229	-.953	.825	1.039
Reading	-1.227	-.007	.345	-1.036	1.520	.623
Spelling	-.358	-.922	.031	-2.099*	.369	.449
Language A	-1.417	-.430	-.801	-1.160	-.438	1.249
Language B	-.776	-.075	-1.119	-.196	-.513	.198
Language A and B	-1.320	-.485	-1.193	-.815	-.505	.641
Arithmetic Comprehension	.392	.487	-.524	-2.642*	.750	1.219
Arithmetic Problem Solving	.236	.543	-1.203	-1.236	.766	1.024

CODE

- 1 - Unskilled Employees
- 2 - Semi-Skilled Employees
- 3 - Skilled Manual
- 4 - Clerical and Sales
- 5 & 6 - Administrative Personnel - Business Managers
- 7 - Higher Executives and Professionals

* Significant at less than .05

** Significant at less than .01

